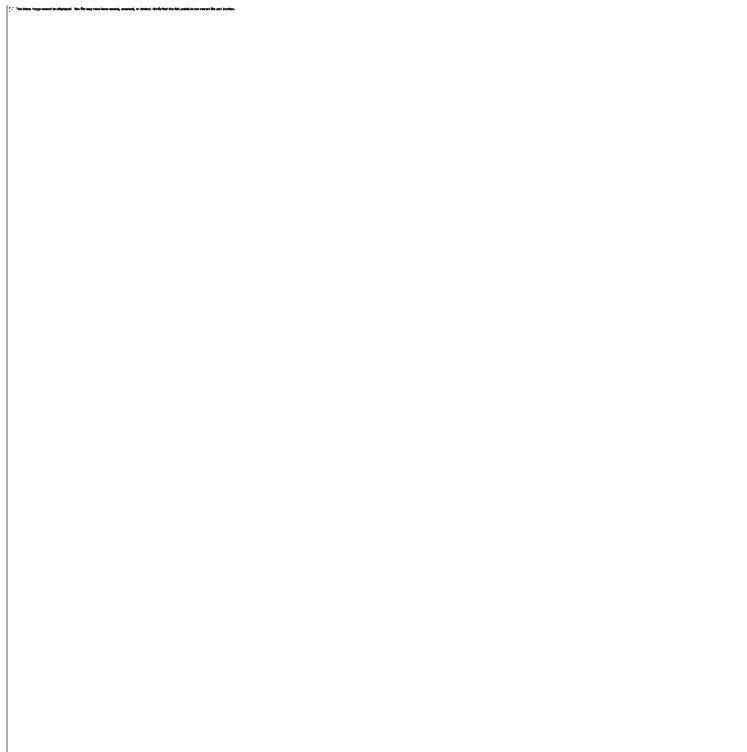
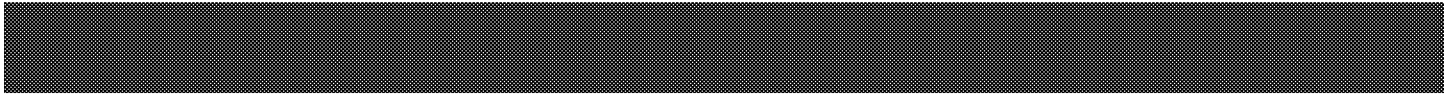


Message

From: Morning Consult [reply@e.morningconsult.com]
Sent: 8/29/2018 12:48:13 PM
To: Woods, Clint [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bc65010f5c2e48f4bc2aa050db50d198-Woods, Clint]
Subject: Morning Consult Energy: California Moves Forward With Bill to Require 100% State Sourcing from Clean Energy by 2045



By Jacqueline Toth

Top Stories

- The California Assembly passed a bill to require the state to source 100 percent of its power from clean energy resources by 2045, legislation which now moves to the state Senate. Enactment would make California the second U.S. state, after Hawaii, to rely only on clean energy. ([Los Angeles Times](#))
- At the first of three hearings on the issue, the Defense Nuclear Facilities Safety Board said a Department of Energy order issued

in May that would let the agency withhold sensitive data from the board would violate the U.S. Atomic Energy Act. A technical expert for the board said the order has already been cited to prevent the board from accessing data about explosives at the department's Pantex Plant outside of Amarillo, Texas, and about a worker's complaint at the Los Alamos National Laboratory. ([ProPublica](#))

- Calgary-based Imperial Oil Ltd., a producer in Canada's oil sands that is 69 percent owned by Exxon Mobil Corp., said it will reduce its emissions by 10 percent over the next five years from 2016 levels through the use of new technology and better reliability and energy efficiency. The announcement is the second time this year that Exxon, the world's largest oil explorer, published an emissions target. ([Bloomberg](#))

Chart Review

A Carbon-Free California Requires a Lot More Cheap Batteries
Bloomberg

Events Calendar (All Times Local)

WEDNESDAY

National Conference on Ecosystem Restoration	8:30 a.m.
U.S. Energy Association presentation on the 2018 U.S. Energy and Employment Report	10 a.m.
Senate Commerce, Science and Transportation executive session on fishing and other bills and several nominations	10 a.m.

Nuclear Regulatory Commission public meeting on Interim Storage
Partners' response plan for the interim storage facility 1 p.m.

House Natural Resources field hearing on energy and education in
Utah 2 p.m.

THURSDAY

National Conference on Ecosystem Restoration 8:30 a.m.

FRIDAY

No events scheduled

CSR & Political Activism in the Trump Era

How to avoid a firestorm and improve your brand's reputation.

General

Pentagon challenges 'secret science' proposal

Sean Reilly, E&E News

Add the Defense Department to the ranks of those expressing concern about EPA's plans to restrict the use of scientific research in writing new regulations.

Senate Confirms Head of New Energy Department

Cybersecurity Office

Rebecca Kern and Patrick Ambrosio, Bloomberg Environment

The Senate Aug. 28 confirmed Karen Evans to lead a new Energy Department office devoted to protecting the nation's electric grid.

US official reiterates push to move land agency out West

Brady McCombs, The Associated Press

The move isn't a done deal, Susan Combs, an assistant secretary at Interior, said as she visited a northern Utah city that is among those under consideration for the new location. But she spoke passionately during a round table in Ogden about the need to bridge the gap between bureaucrats and the people affected by their decisions.

How McCain's death might affect Scott Pruitt

Robin Bravender, E&E News

The Arizona Republican's perch atop the Senate Armed Services Committee is widely expected to be occupied by Sen. Jim Inhofe (R-Okla.), who might be more likely to run for re-election - and more likely to win - if he's the chairman of that powerful panel.

US officials take action to protect Alaska whistleblower

Dan Joling, The Associated Press

The federal office that protects employees against reprisals for whistleblowing is advocating on behalf of a federal employee in Alaska who complained about the handling of an Arctic offshore lease sale.

Oil steady on lower Iran exports, rising U.S. supply

Christopher Johnson, Reuters

Oil prices steadied on Wednesday, supported by news of a fall in Iranian crude supplies as U.S. sanctions deter buyers, but held back by evidence of a rise in U.S. inventories.

Oil and Natural Gas

Mexico's new government may halt oil auctions indefinitely - document

Adriana Barrera, Reuters

Mexico's incoming government is considering indefinitely suspending auctions for oil and gas projects, and giving state-owned Pemex authority to pick its own joint-venture partners rather than holding competitive tenders, according to policy guidelines seen by Reuters.

Three regions account for half of U.S. natural gas production **Katherine Blunt, Houston Chronicle**

The U.S. Energy Department reported that the Appalachian Basin in the Northeast, the Permian Basin in West Texas and the Haynesville Shale straddling Texas and Louisiana have grown to account for almost 50 percent of domestic production, up from 15 percent in 2007.

TransCanada's Shale Gas Pipe Cost Jumps by Almost \$1 Billion **Ryan Collins, Bloomberg**

TransCanada Corp. won a 49 percent price increase for space on the pipeline it's building to haul shale gas from Appalachian fields as labor shortages and escalating land prices pushed construction costs almost \$1 billion higher.

In America's Hottest Drilling Spot, Vast Volumes of Gas Go Up in Smoke

Rebecca Elliott, The Wall Street Journal

In America's busiest oil field, roughly \$1 million worth of natural gas goes to waste each day.

Chinese energy executive says \$84 billion investment in West Virginia still on track

Bill Holland, Platts

A plan calling for nearly \$84 billion in Chinese investment in West Virginia petrochemical and natural gas projects will be honored despite the rumblings of a trade war between the US and China, the head of the Chinese conglomerate making the investment push said in Hong Kong on Monday.

Iran's Oil Exports Dropping Faster Than Expected Before U.S. Sanctions

Benoit Faucon, The Wall Street Journal

Iran expects crude exports to fall by a third in September, according to people familiar with purchasing plans, potentially posing an unforeseen supply risk to markets.

U.S. energy companies fume over rejected steel tariff exemptions

Liz Hampton, Reuters

Commerce has received more than 37,000 exemption requests, far more than it planned to handle. Although 130 employees and contractors are now evaluating the applications, the agency had only ruled on 2,871 of those requests as of August 20.

Utilities and Infrastructure

Analysis: Utilities spending about \$520 million to repair systems after Hurricane Harvey

Mark Watson, Platts

In the year since Hurricane Harvey devastated the western Gulf Coast with high-speed winds and record rain totals, electric utilities have spent about \$520 million to repair damage and harden systems in preparation for the next major storm, and that work continues.

Renewables

Tencent-Backed EV Maker Seeks Valuation Above \$8 Billion in IPO

Jie Ma, Bloomberg

NIO Inc., the Chinese electric-car maker backed by Tencent Holdings Ltd., is planning a U.S. initial public offering that would give it a valuation topping \$8 billion as it gears up to take on the likes of Tesla Inc.

Tesla wins court case against Ontario government over rebate cancellation

Anna Mehler Paperny, Reuters

A Canadian court has ruled in favor of Tesla Inc after the electric carmaker challenged the province of Ontario's wind-down of an electric vehicle rebate.

Face the heat: Should EV incentives be restructured for battery degradation?

Herman K. Trabish, Utility Dive

A century after EVs fell out of the car market because gasoline-powered vehicles were cheaper to operate, forecasts show battery-powered transportation could take the market back because it is cleaner and becoming affordable. But controversial new research proposes revising EV policy because batteries degrade over time, increasing costs and emissions.

In Elon Musk's World, Brakes Are for Cars, Not C.E.O.s

David Gelles, The New York Times

Associates, including several people inside the company interviewed over the past week, portray him as a workaholic who zeroes in on the smallest details.

Coal

Coal industry between a rock and a hard place

Henry Sanderson, Financial Times

A push to reduce the development of coal mines along with increasing pressure from investors to divest from fossil fuels is creating a split in the mining industry between companies exiting the sector and those vowing to remain.

Nuclear

Second Hanford radioactive tunnel collapse expected. And it could be more severe

Annette Cary, Tri-City Herald

The possible collapse of a second Hanford tunnel storing radioactive waste is both more likely than thought a year ago and the effects potentially more severe, according to Hanford officials.

Climate

Texas sues Trump EPA for declaring San Antonio's ozone pollution levels too high

Josh Siegel, Washington Examiner

Texas Gov. Greg Abbott, and Attorney General Ken Paxton, both Republicans, sued the Trump administration in federal court Tuesday for ruling that parts of San Antonio have toxic ozone levels that are too high.

California lawmakers finalize details of a \$1-billion wildfire prevention plan, but tough votes lie ahead

John Myers, Los Angeles Times

A bipartisan group of California lawmakers proposed on Tuesday to spend \$1 billion to clear fire-prone trees and brush from across the state over the next five years while providing new relief for utility companies that have said wildfire costs could lead them to bankruptcy.

5 Terrifying Takeaways From California's New Climate Assessment

Lydia O'Connor, HuffPost

In a vast assessment that draws on more than 50 reports on climate change, state officials paint a grim picture of California's future if greenhouse gas emissions continue at their current rate. Below are five of the assessment's most unsettling predictions.

Opinions, Editorials and Perspectives

The Affordable Clean Energy Rule Should Be Renamed 'Path to Hothouse Earth'

Sweta Chakraborty, Morning Consult

The Obama administration's plan was to reduce carbon emissions by 32 percent from 2005 levels by the year 2030. Trump's plan is a carefully crafted gross misnomer.

Next frontier of Russian meddling: energy intimidation **Former Ambassador Douglas Lute, The Hill**

While Putin has yet to play this card beyond Ukraine, energy intimidation must be a national security concern among many of our NATO allies.

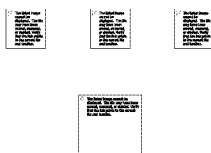
Elon Musk's Public Reckoning
The Editorial Board, The Wall Street Journal

Tesla shareholders have been on a bumpy ride amid Elon Musk's media outbursts and flirtation with taking the company private. The CEO late last week abandoned that idea, and perhaps he saw that public markets have their uses.

Research Reports

Black carbon radiative effects highly sensitive to emitted particle size when resolving mixing-state diversity
Hitoshi Matsui et al., Nature Communications

Here we use a multiple-mixing-state global aerosol microphysics model and show that the sensitivity (range) of present-day BC direct radiative effect, due to current uncertainties in emission size distributions, is amplified 5-7 times (0.18-0.42 $W m^{-2}$) when the diversity in BC mixing state is sufficiently resolved.



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